

Appl. No. 10/812,958
Attorney Docket No. PAT 2130-2
Examiner: H. Foud

Appendix A

Proposal for Modified Claim 16 for Examiner's Amendment

Further to a telephone discussion with Examiner Hicham Foud on October 22, 2008, below is a marked up version of Claim 16, including two claim amendments, in order to bring the case to allowance.

The markings are with respect to the claim 16 as it stands after the amendment dated July 18, 2008.

16. (currently amended) A method of time division multiplex switching received data grains to a plurality of egress ports, the method comprising:

receiving and aggregating a plurality of data grains received in a single timeslot at a number N of ingress ports in an N grain wide channel, each of the plurality of data grains being associated with a grain group;

transferring the aggregate of the received data grains to the plurality of egress ports simultaneously;

at a selected egress port in the plurality of ~~aggress~~ egress ports, selecting from the aggregate only data grains that the selected egress port will transmit, the selected data grains numbering up to N data grains in a single timeslot, including applying a mask to the aggregate to select grains in accordance with the ingress port associated with the position of the grain in the aggregate and the position of the grain in its respective grain group;

storing the selected data grains at the selected egress port; and

transmitting the stored data grains from the selected egress port in a predetermined order.

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